

CAPTIVA EROSION PREVENTION DISTRICT

RESOLUTION 2021-02

AGREEMENT FOR SEA TURTLE MONITORING AND NEST RELOCATION

A RESOLUTION OF THE CAPTIVA EROSION PREVENTION DISTRICT APPROVING AN AGREEMENT FOR SEA TURTLE MONITORING AND NEST RELOCATION AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the CEPD Board has published on a duly noticed agenda, reviewed, discussed and taken public comment on the attached AGREEMENT FOR SEA TURTLE MONITORING AND NEST RELOCATION;

WHEREAS, the CEPD Board desires to approve or approve with conditions the following attachments and course of action

NOW THEREFORE, BE IT RESOLVED by the CAPTIVA EROSION PREVENTION DISTRICT:

Section 1. The CEPD Board resolves and approves the following AGREEMENT FOR SEA TURTLE MONITORING AND NEST RELOCATION (not to exceed \$176,700) as proposed and set forth in the documents attached to this Resolution, Exhibit A.

Section 2. This Resolution shall take effect immediately upon adoption.

DULY INTRODUCED, PASSED AND ENACTED by the CEPD Board of Commissioners of the CAPTIVA EROSION PREVENTION DISTRICT, on Captiva Island, in Lee County, Florida on February 19th, 2021.

DocuSigned by:
Rene Miville
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CEPD Chair Rene Miville

ATTEST: DocuSigned by:
Jennifer Nelson
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CEPD Administrator Jennifer Nelson

Approved as to legal sufficiency:
Ralf G. Brookes
CEPD Attorney, Ralf Brookes Attorney



Cost Estimate for Sea Turtle Nest Monitoring & Relocation

Sanibel-Captiva Conservation Foundation, FWC Permit Holder for Captiva/Sanibel

Training*	\$ 2,000.00	25-hour FWC-required training for technicians
Daily Monitoring	\$ 450.00	per 24-hour period, based on 24-hour project
	\$ 56,700.00	18 weeks (126 days)
Nest	\$ 600.00	per nest during peak season (April 15-July 31)***
Relocation**	\$ 114,000.00	190 peak nests
	\$ 400.00	per nest after peak season (August 1-October 31)***
	\$ 4,000.00	10 off-peak nests
	\$176,700.00	Project Maximum
	\$120,000.00	Project Minimum

*Per FWC guidelines: "Nests must be relocated only by the qualified individual or authorized personnel with appropriate training and experience designated by the qualified individual. Appropriate training includes a minimum twenty-five (25) hours of having successfully relocated marine turtle nests within the past five (5) years. Kelly Sloan is the qualified individual on the MTP for Captiva Island."

Per the 2013 permit: For sand placement projects in Nassau, Duval, St. Johns, Flagler, Volusia, Miami Dade, Monroe, Collier, Lee, Charlotte, Sarasota, Manatee, Hillsborough, Pinellas, Franklin, Gulf, Bay, Walton, Okaloosa, Santa Rosa, and Escambia Counties that occur during the period from May 1 through October 31, daily early morning (before 9 a.m.) surveys and egg relocation shall be conducted. Volunteers can conduct nesting surveys **after peak nesting season (late April-late July) and staff will be on call for any late season nest relocations.

***Includes post-relocation monitoring on Captiva or Sanibel per FWC regulations

Estimates are based on a 18-week project

All prices are inclusive of FWC report submittal

General Parameters for Relocation Costs

Areas subject to nourishment within 65 days subsequent require relocation of nests, including before the commencement of a nourishment project. Nests must be relocated in a temporal fashion, moving northward or southward (depending on engineering) in 65-day increments. Relocated nests cannot be clustered; therefore some, if not many, of the nests will be relocated to stable beaches on Sanibel and Captiva in order to ensure hatch viability and comply with FWC permit conditions.

SCCF pricing will be adjusted to the exact parameters of the final engineering plan; however, due to the additional staffing requirements, should the project occupy at least 45 days of peak sea turtle nesting season, the minimum pricing in order to carry out SCCF's and CEPD's state and federal requirements is \$120,000.